

GEORGE ENGELMANN  
BOTANICAL NOTEBOOKS

*Pagination Note:*

*Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.*



Alphouse Wood  
Siliqua  
of Oregon & California

Phil. Acad. Proc. 1868 p.  
p 165-174



0 1 2 3 4 5 6 7 8 9 10

cm

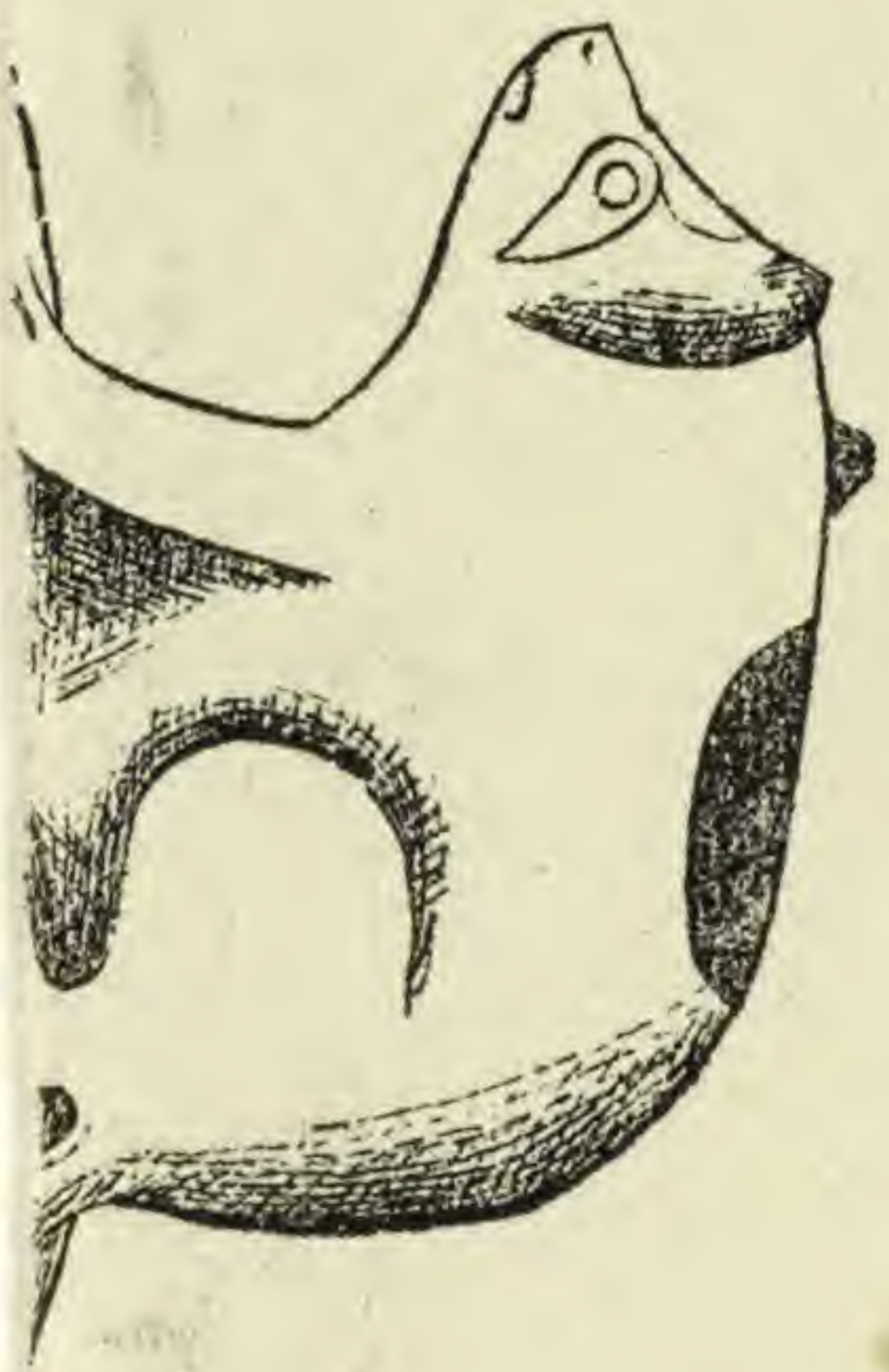
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GARDEN



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**L. spicata.** SPIKED BLAZING STAR.

**L. squarrosa.** COMMON BLAZING STAR.

**LOTUS.** BIRD'S FOOT TREFOIL.

A genus producing mostly yellow pea-shaped flowers, sometimes white and pink. The following species is a pretty little creeper, lying flat upon the ground.

**L. corniculatus.** PROSTRATE BIRD'S FOOT TREFOIL.

**LYCHNIS.** LYCHNIS.

A hardy and very handsome genus, with Pink-like flowers, nearly allied to the *Catch-fly's*.

**L. Chalcedonica.** SCARLET LYCHNIS. Brilliant scarlet.

**var. alba.** A form of the above with pure white flowers.

**L. fimbriata.** FRINGED LYCHNIS. Dwarf, rose color.

**L. Flos Jovis.** FLOWER OF JOVE. Deep red.

**L. Flos cuculi plena alba.** DOUBLE WHITE RAGGED ROBIN.

**LYTHRUM.** LOOSESTRIFE.

Tall, slender plants, with mostly purplish flowers in long spikes. Blooms in mid-summer, and always showy and entirely hardy.

**L. Salicaria.** SPIKED LOOSESTRIFE. Large, purple.

**L. roseum superbum.** ROSE COLORED LOOSESTRIFE.

*Millim*

9-13



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**P. procumbens.** CREEPING PACHYSANDRA.

**PŒONIA.** PEONY.

7616  
No class of plants surpasses this genus in the gorgeous coloring, or size of its flowers. The recent introductions are remarkable for beauty. The herbaceous varieties have been so hybridized, that it is difficult to determine their true botanical origin; we therefore arrange them alphabetically.

**amabilis.** Pink, shaded with white and cream color.

**elegans.** White, with fine yellow centre.

**elegans superbissima.** Deep rose, very double and fine.

**festiva.** Pale lilac, very full and showy.

**formosa.** White, centre beautifully fringed, cream color.

**lilacena elegans.** Pale lilac, very double and perfect.

**lilacena superba.** Bright rose, inner petals fringed.

**Louis Van Houtte.** Deep red, distinct, and showy.

**nivalis.** White, with red blotches. Beautiful.

**plenissima rosea superba.** Rose, cream, and white.

**pulcherrima alba.** Rose, fawn colored centre.

**rosea striata pulchra.** Light rose, and white.

**rubicunda alba marginata.** Pink, prettily shaded.

GARDEN  
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cm

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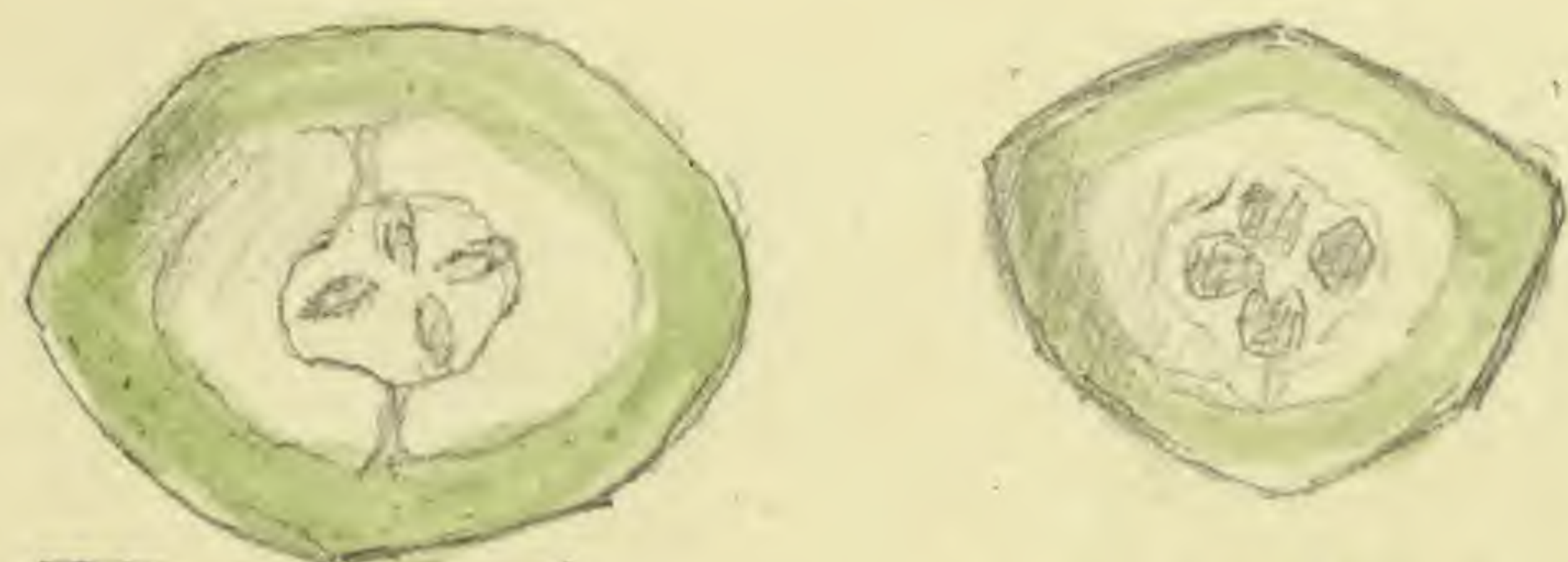
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*Allium stellatum*

Octob 14 1863

fr Kinnasworth  
Jeffers Co



section of lower & upper  
part of same scape x10



sect. of very large  
young leaf x10



Section of lower, middle & upper part  
of ordinary leaf x10



ovulum  
of the bud - -

x30

anatropous, from the inner basal pleura

bud x4



Carpels  
opposite  
inner stamens  
& outer sepals



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cm

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Pollen X415 obliquely oval  
0.019-0.021

*Allium stellatum*

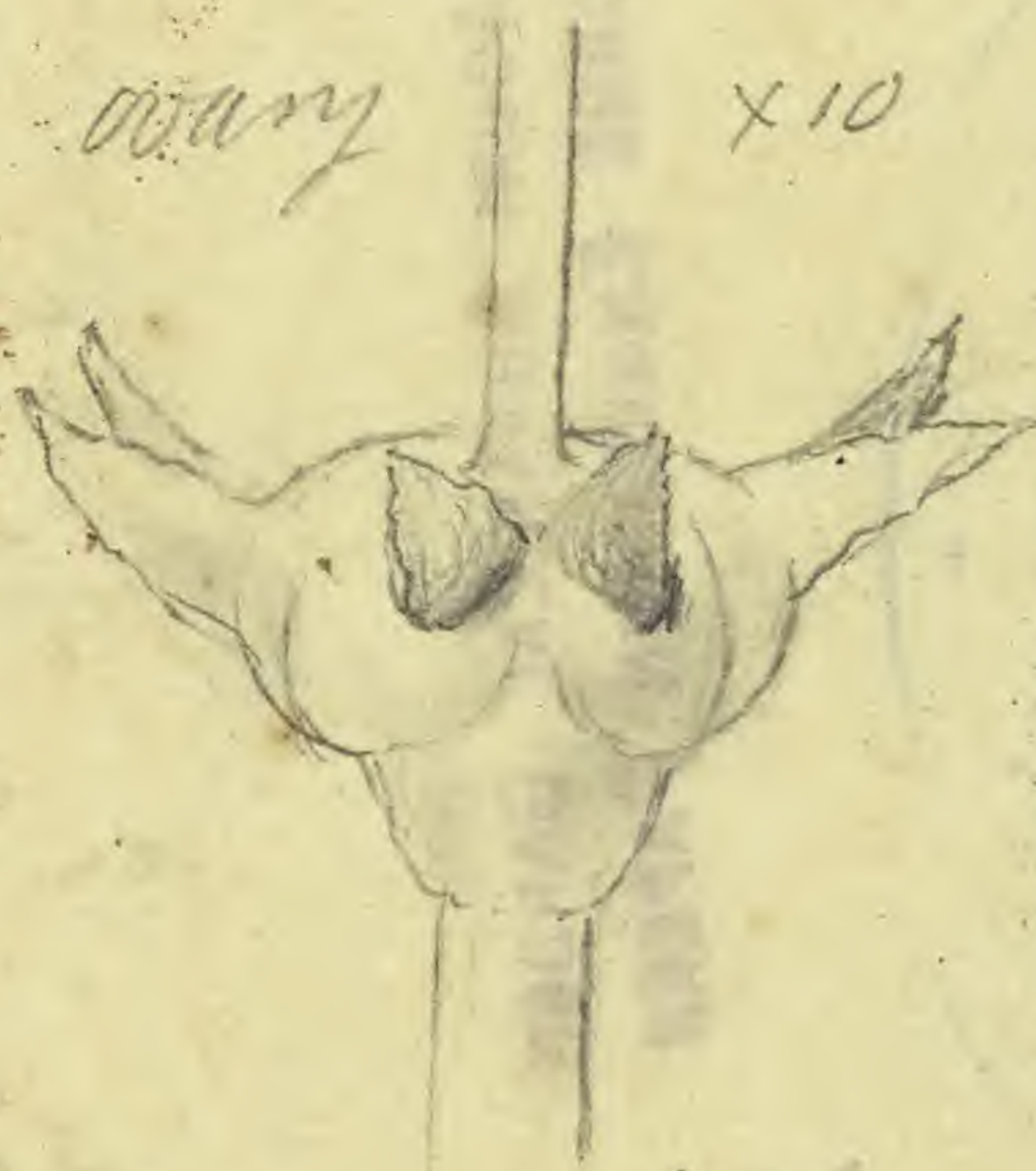
Oct 13 1863

Rocky bluffs of Mississippi, Jefferson County Mo

Oct 11 1863



over x4



side by side



capsule x4



seed of fruit 2 seeds in each cell  
off only one

3 ext. sepals recurved  
3 internal ones  
stems long exsert  
mark longer the style  
patulous

a a stamens, with  
wider base  
opposite inner sepal,  
b. b stamens with  
narrow base  
opp. outer sepals

purple  
pairs of lobes  
green  
of ovary opp.  
the inner sepals  
and including  
the inner stamens  
in their groove

ovules 6 attached to basal placenta, anatropous



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*Allium stellatum*

Hook Fl. Bor Am. II. t. 194  
his stamens scarcely longer than petals,  
petals acute not obtusish as  
in my plant.

stamens equal to base

crests of every erect not  
spreading as here

Still the same - incorrect drawing!



7618



0  
cm

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June 15 1865 *Allium reticulatum*

June 15 1865

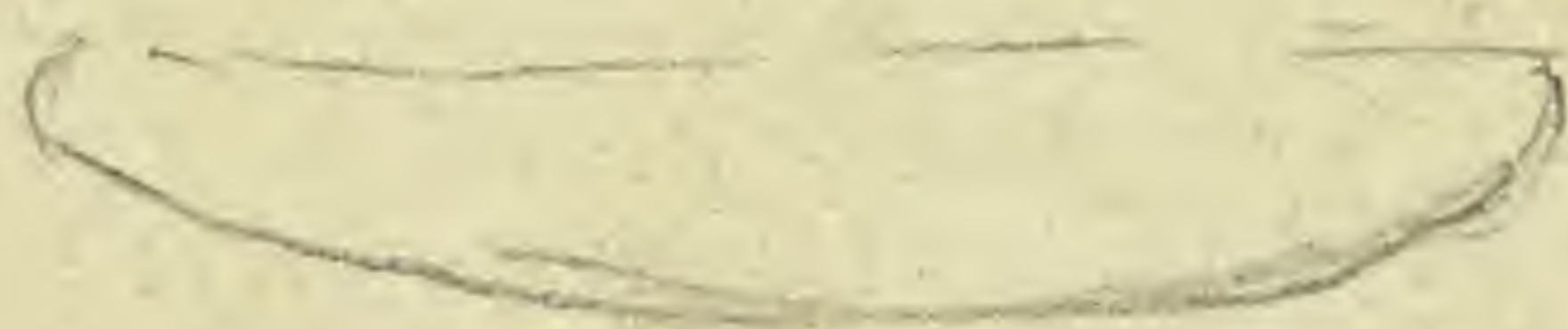
Section of leaf x10

bulb ex Cass Co. Mo, cult by me

upper



middle



lower

part of leaf



June 7 1866

leaf cut x10

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cm

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*Allium stellatum*

June 15 1865

ex bulb. Jefferson Co. Mo, Kansasville

cult. St. Louis

Sect of leaf x 10.



sect near base



middle part of leaf

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MISSOURI BOTANICAL GARDEN  
HERBARIUM  
JUN 15 1865



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cm

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cm

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*Allium reticulatum*

June 7 1866

Cass Co Mo; Bull, Mo

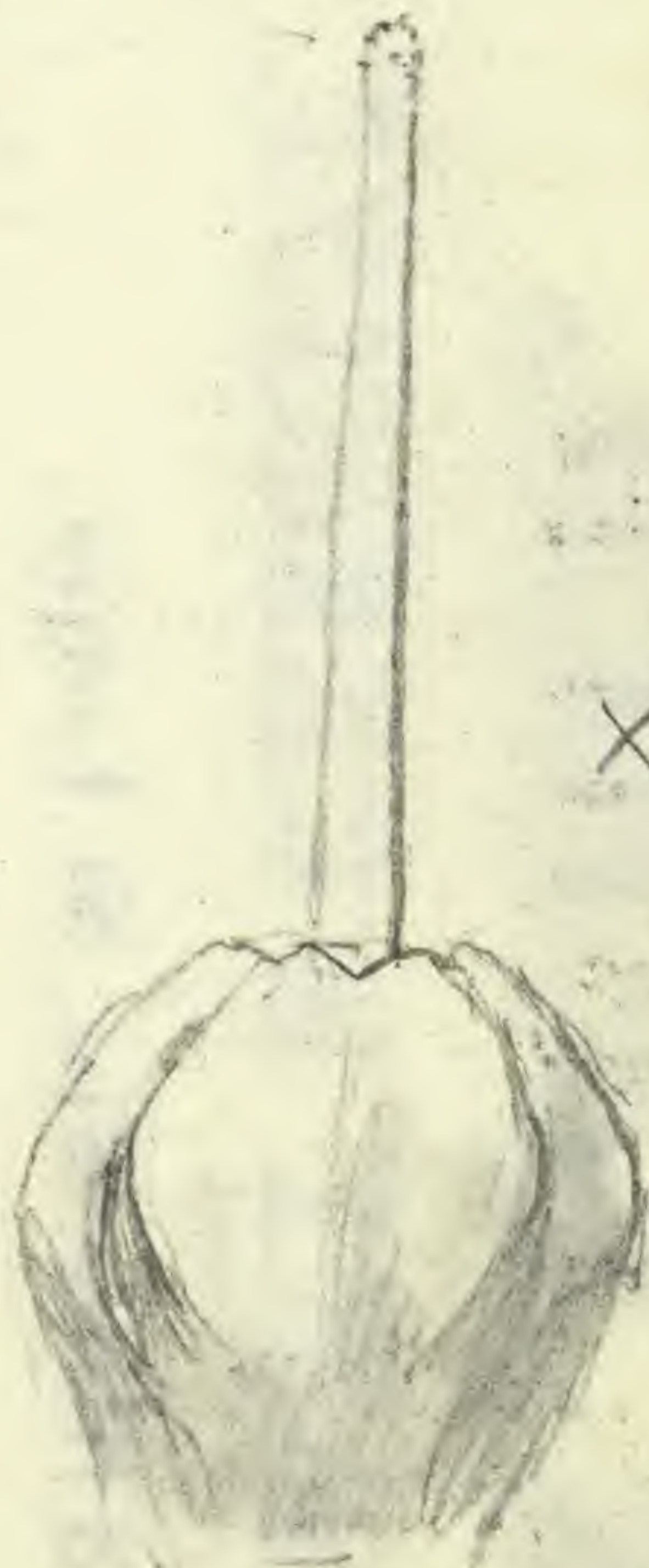
x4



bud x4



bud x4



x10

Albi seu pallidissimae

rossii

Sepals semipetulous equal,  
exterius acutius, interior obtuse  
stamina e basi lata subulatis  
aequalibus, sepala pistillumque  
aequalibus, ovario inappendicato



sect



0 1 2 3 4 5 6 7 8 9 10

cm

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cm

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*Allium cernuum*

July 7 1866

Rocky Mts

S. Hall coll & m<sup>d</sup> viv

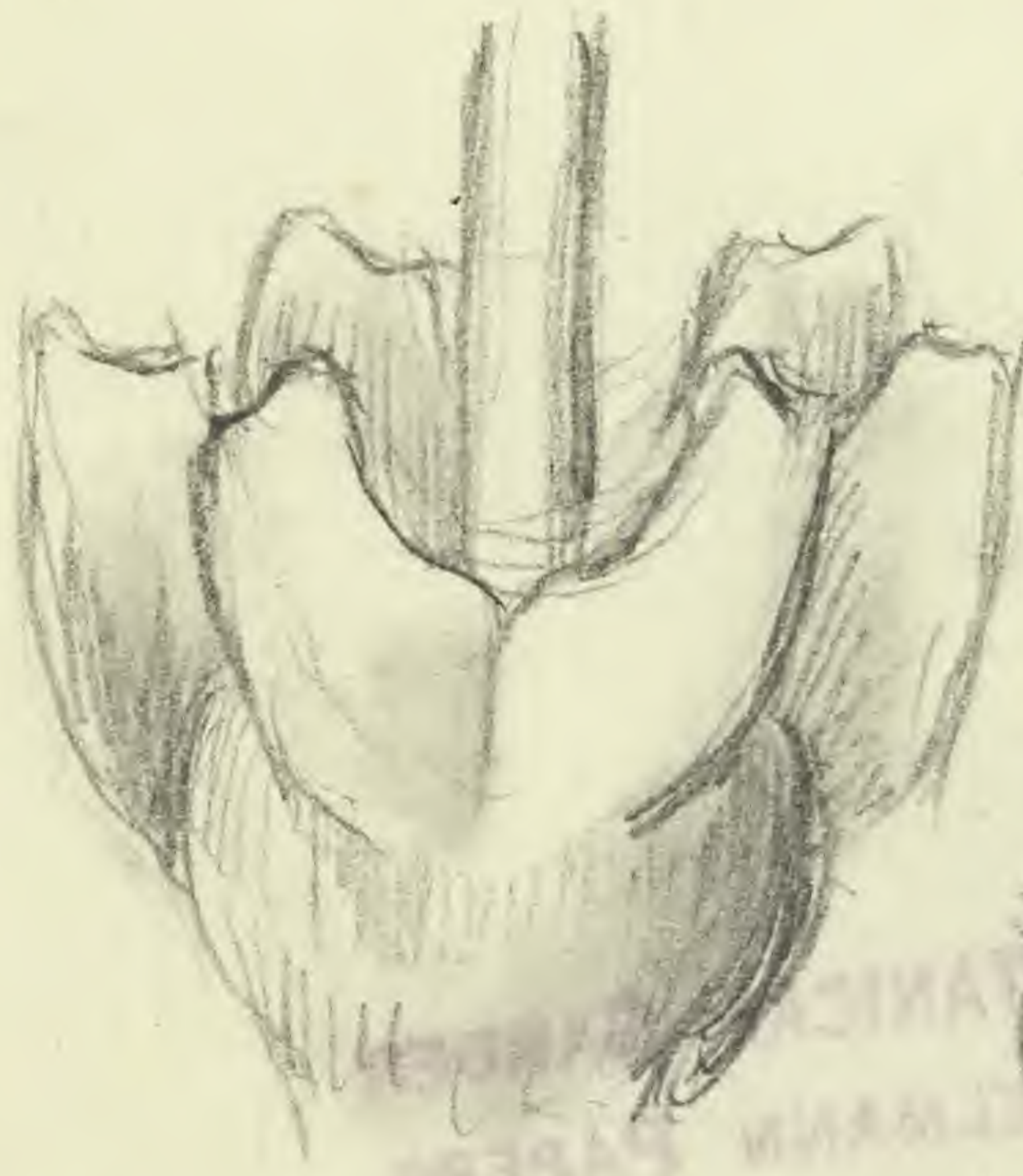
curvature of scape over  
the sharp edge!



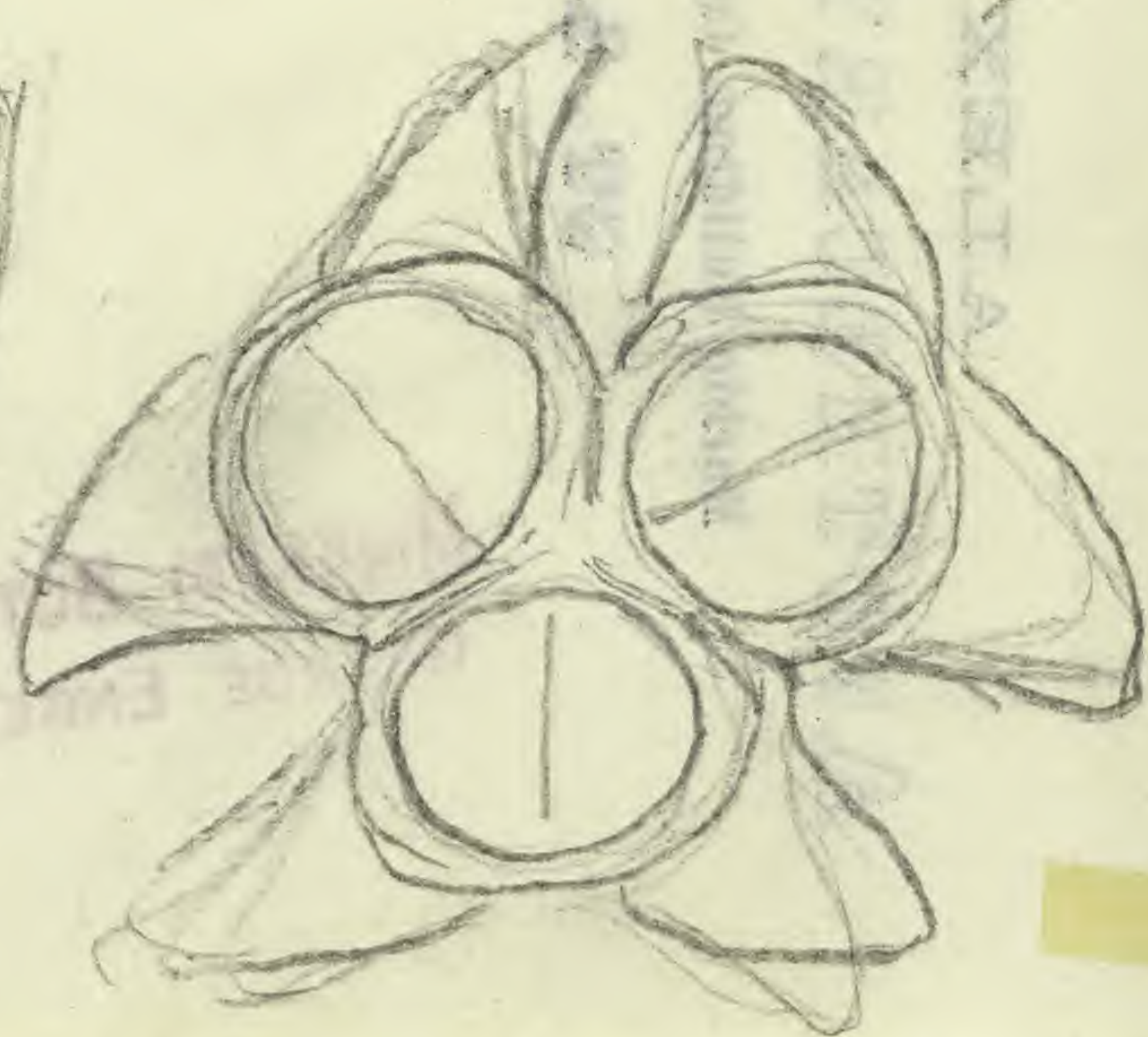
upper  
section of scape x 10



lower



ovary x 10



cut of  
ovary



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cm

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cm

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Allium acuminatum

July 7 1866

Rocky Mountains, coll. by E. Hall

sub living sect of leaf x10

sect of largest leaf

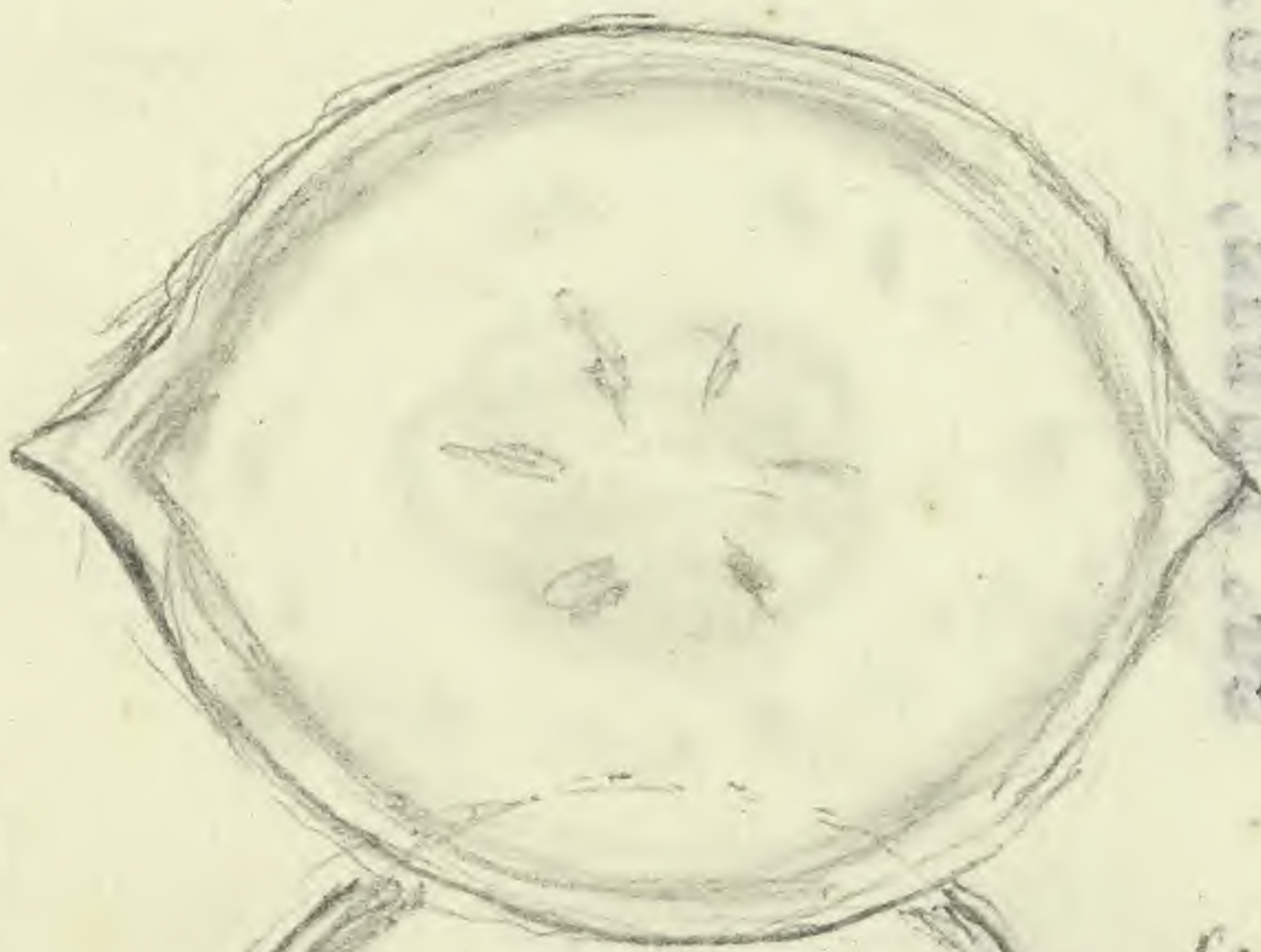
upper



leaves 12-14 inches long

2 1/2 - 3 1/2 li. wide

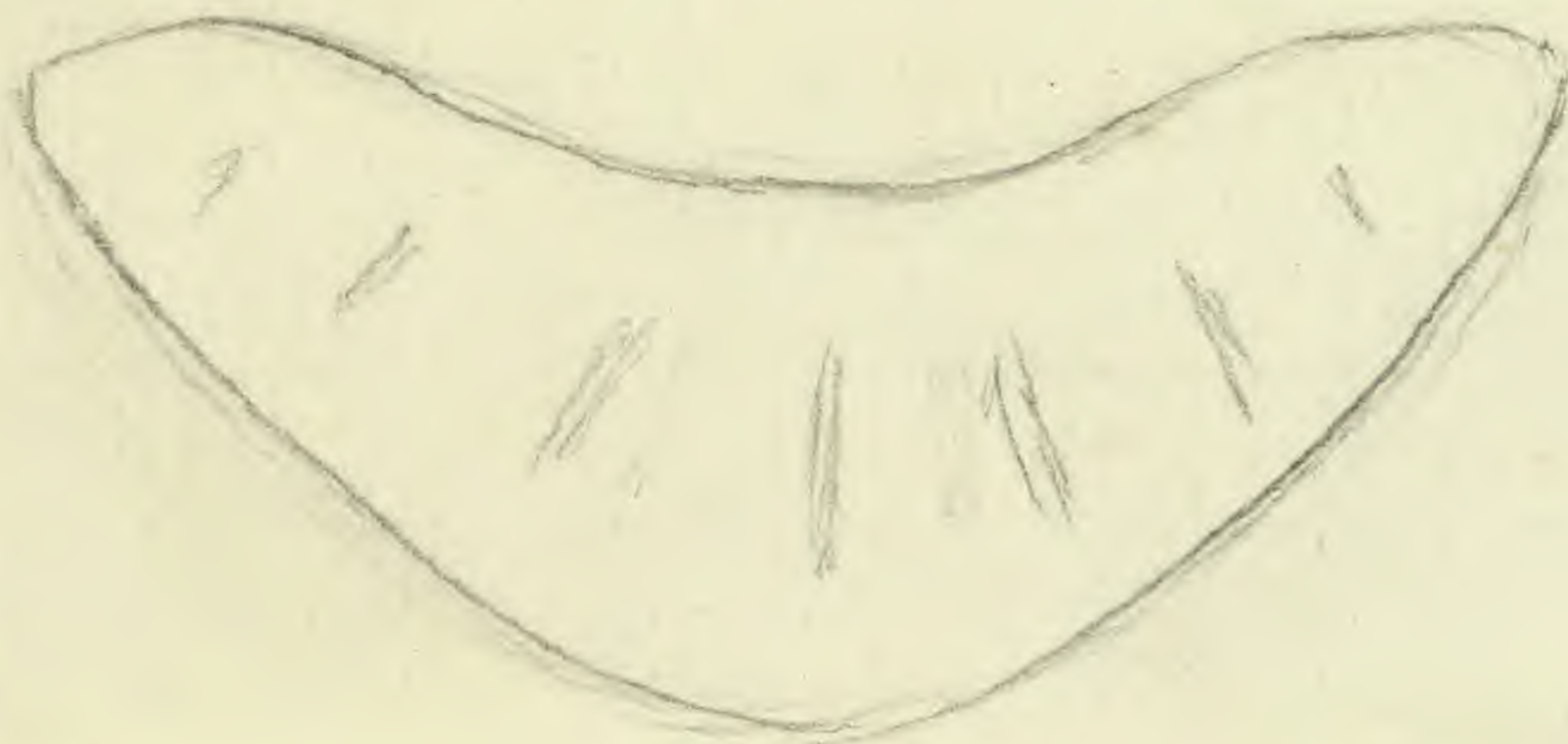
middle



Section of lower

lowest

upper



part of stape

x10



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cm

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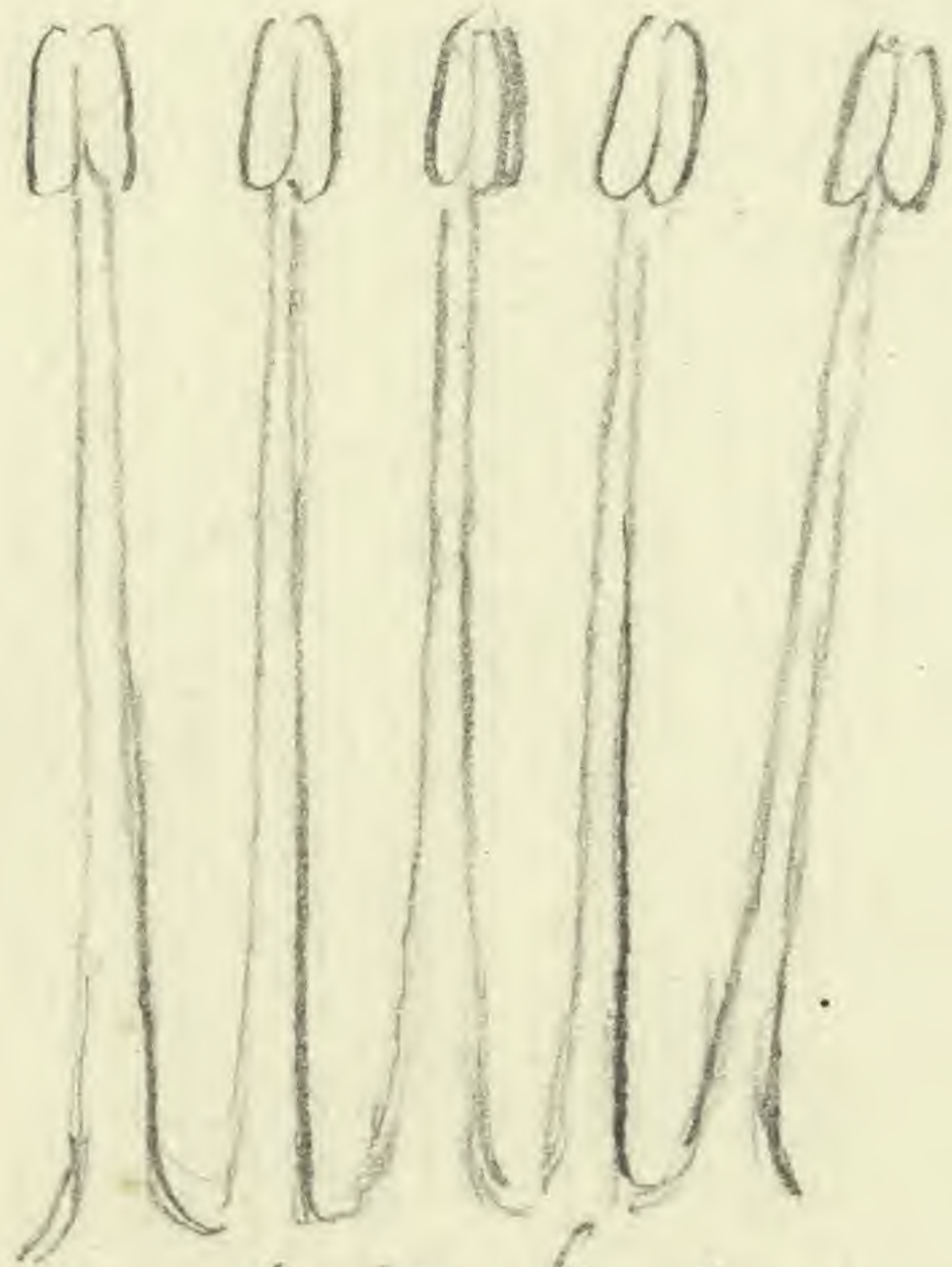


*Allium cernuum*

July 8 1866

Rocky Mts E. Hall coll Athens Ill. mis vis

x4



a b a b a

a inner with broader  
b outer stamens with  
narrower base

petals erect orbicular-ovate  
exterior a little shorter  
flower globose

stamens exert, gradually developing,  
one or few at a time - anthers soon  
falling off and filaments shrinking

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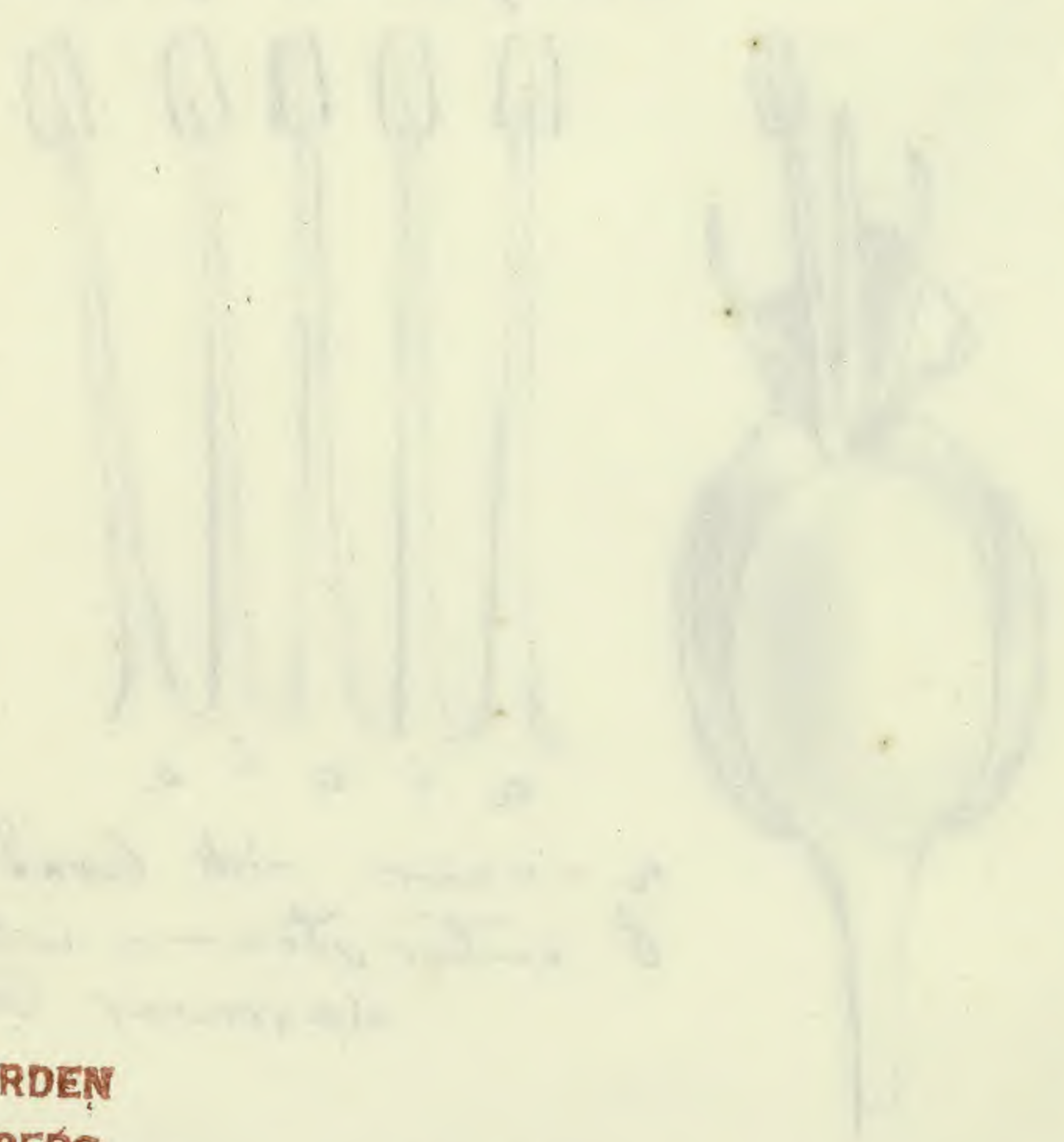
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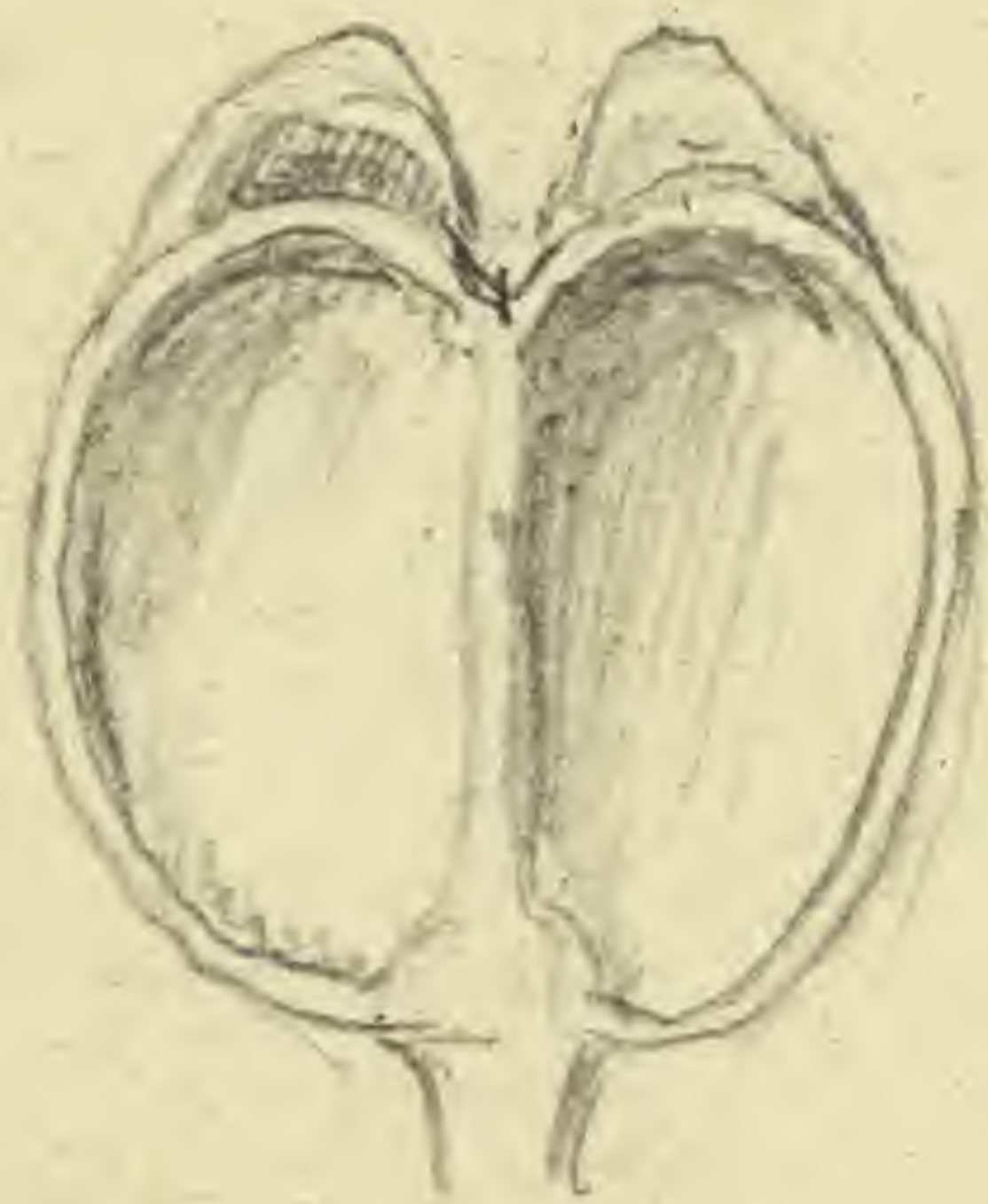
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*Allium cernuum*

Nov 24 1865

S. Hill cult



inside of  
valve



"



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cm


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Slueta 23 Aug 1880

Allium in meadow Camp; long, tuberos bulb

ancepital stem



above

leaves flat, ciliate



involucre with large membranous 2 lobes

Spathes, corolla pale rose, lobes lance-ovate

stamens equal, filaments from broad base longer  
thaps corolla, capsule elliptical, not angled



0 1 2 3 4 5 6 7 8 9 10

cm

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No 30 Gent. calycis tubulose corolla  
spring-like, ante lobis, ante lapi  
foll. nuda clatua, antea, oblonga

GARDEN  
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cm

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Chiavenna Sept 19 1858

Allium



x 3



bulbs respites  
from a ligni-  
cous corm

x 4



sect of leaf



sect of scape

x 4



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cm

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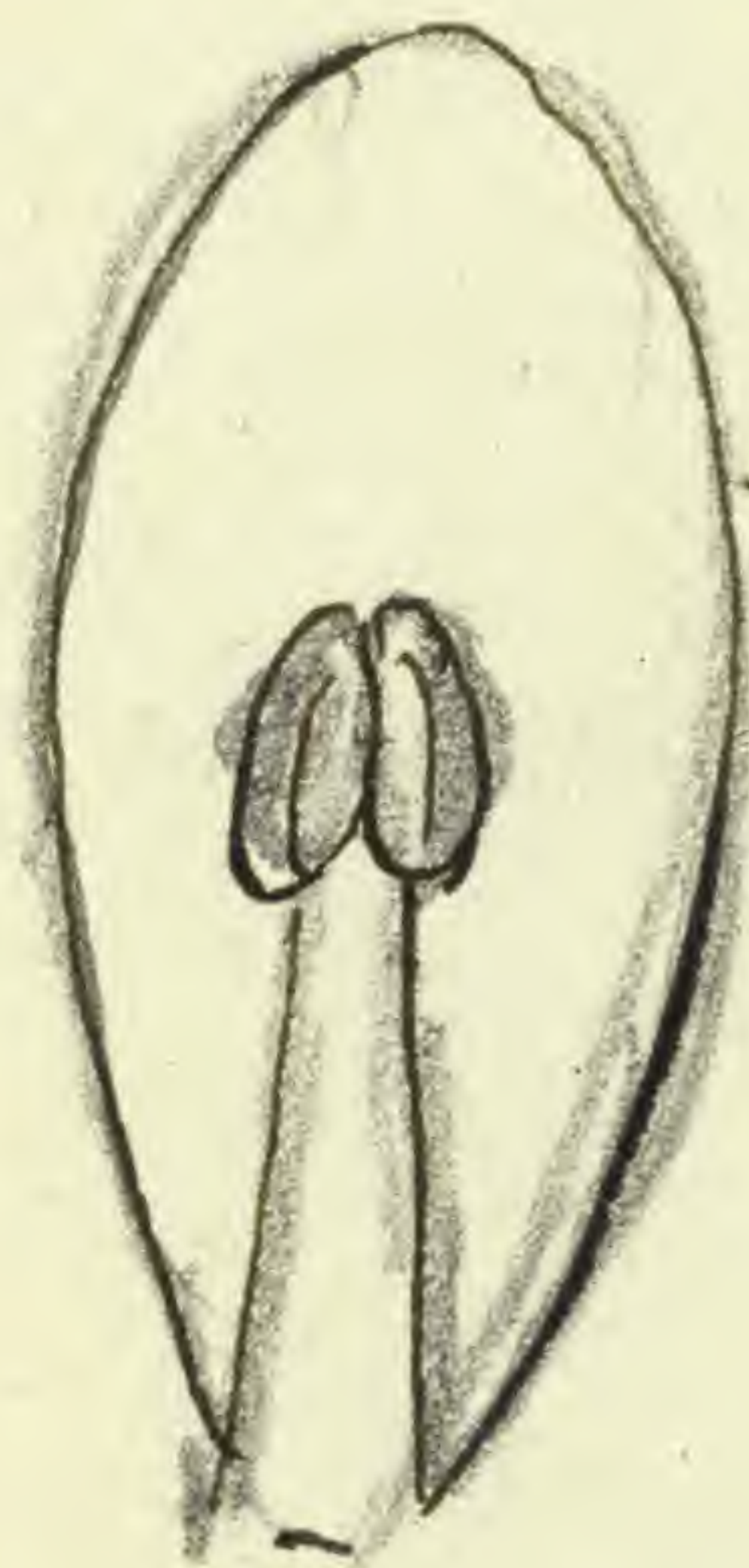
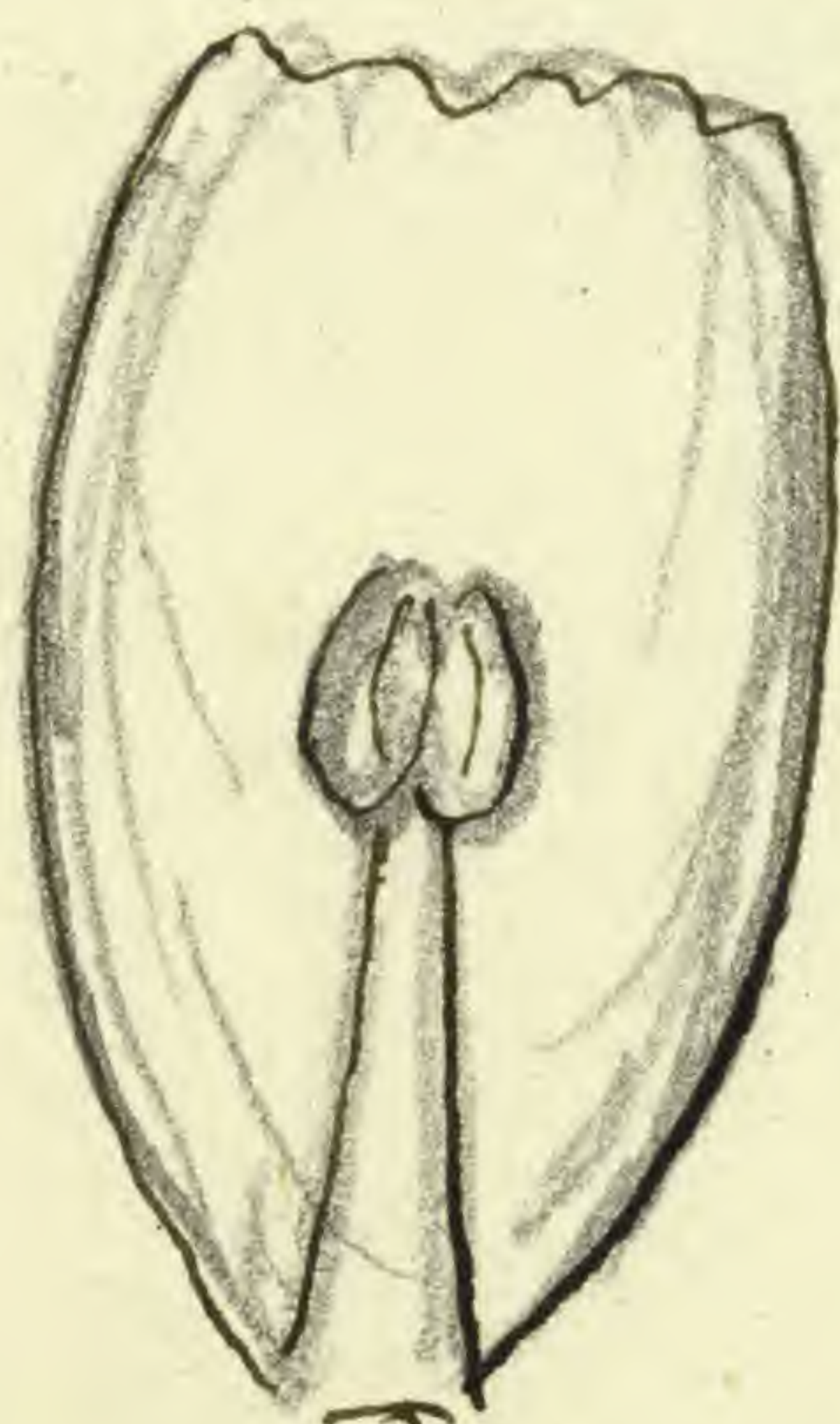
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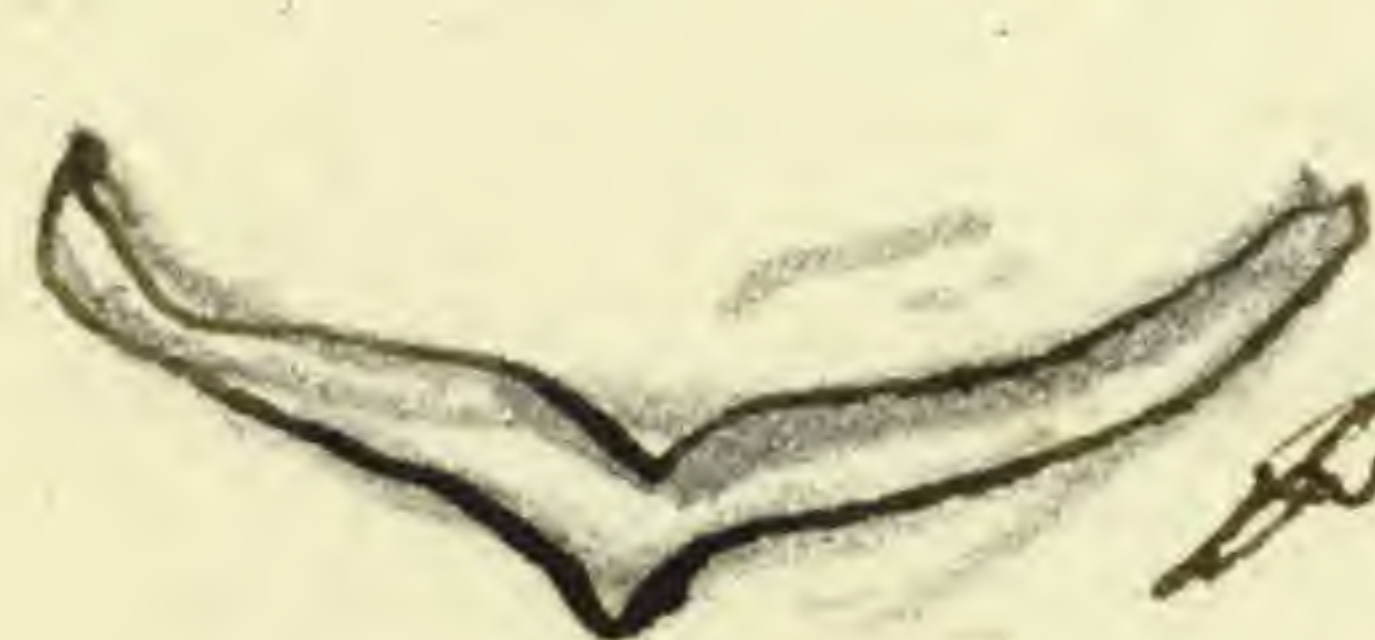
*Allium roseum*



petal ex petal intern  
ext. intern



ovary & styl



scap

foli



scap



2 petal

*Allium*  
Mola di Gacto near the sea coast  
under shrubs

March 29 1858

scap.

flor. rosea magna, filam. basi adhaer. subulatis

foliis planis leviter serratis

bulla prolifera spath. ovat. acut. umbell  
bulbifer



0 1 2 3 4 5 6 7 8 9 10

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*Handwritten notes, possibly "Stem" and "Sepals"*

*Stem*



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stellatum?

Allium ~~cernuum~~

bulbo elongato conico, albo-tunicato; foliis infra carinatis  
 supra concavis, saepe laterali, compresso, anapiti  
 angula altera acuta, altera obtusiusculo; involucrio  
 scarioso; perigonii laciniis roseis, ovatis, obtusius-  
 cusculis; 3o exterioribus patentibus, reflexis  
 3 interioribus <sup>subdenticulatis</sup> erectis usculis, staminibus filiformibus  
 perigonii <sup>ovario</sup> superantibus; capsulae squamis <sup>crenulatis</sup>  
<sup>coronato</sup> per. parvis approximates, lobis perigonii interioribus  
 oppositis; capsula

fl. Aug & Sept. Brink of Sandstone rocks near Prairie  
 Du Rocher 1845 & coll 1846 - Herb Angelw. L.





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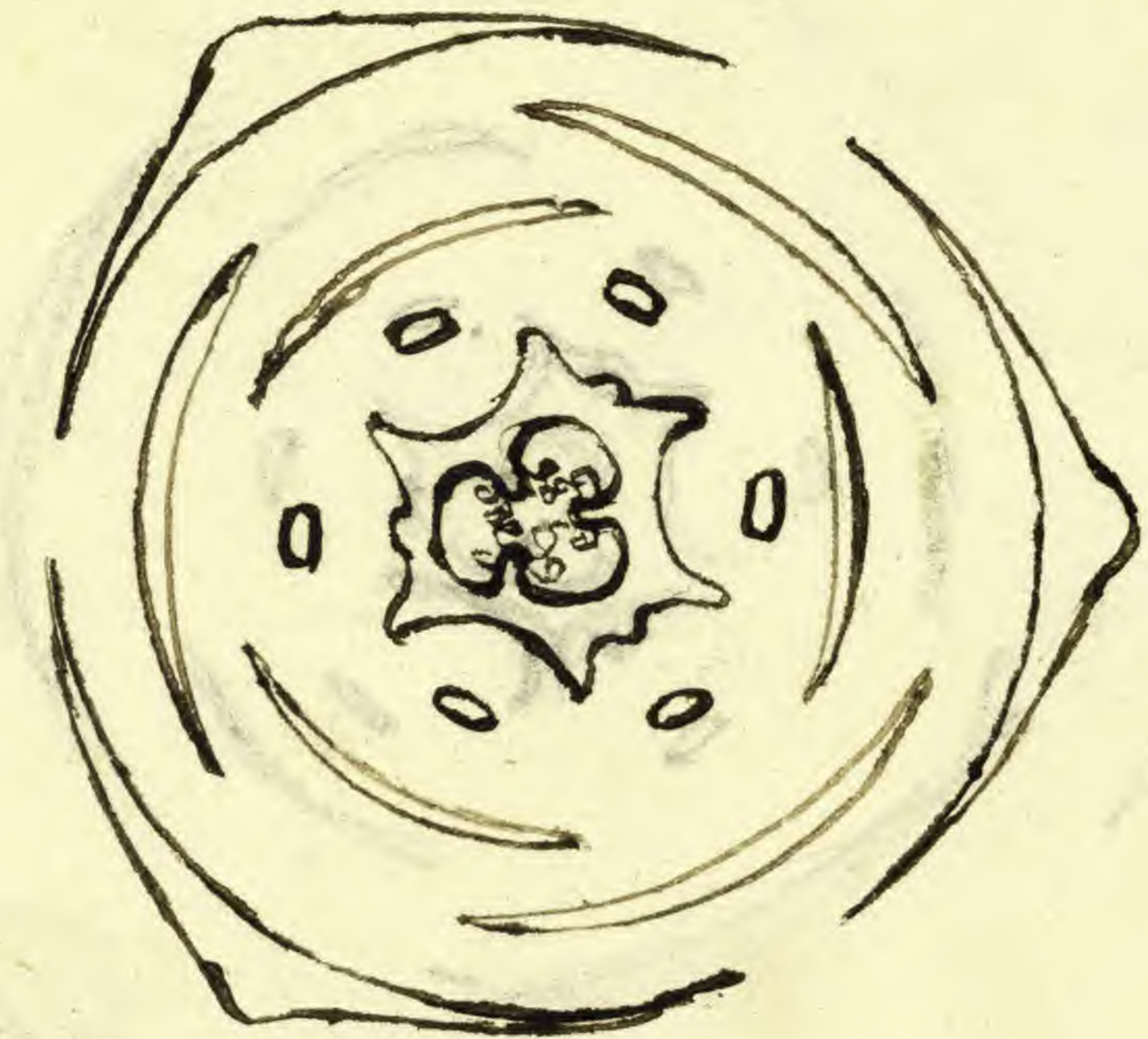
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*Trillium viridiflorum*

June 1843



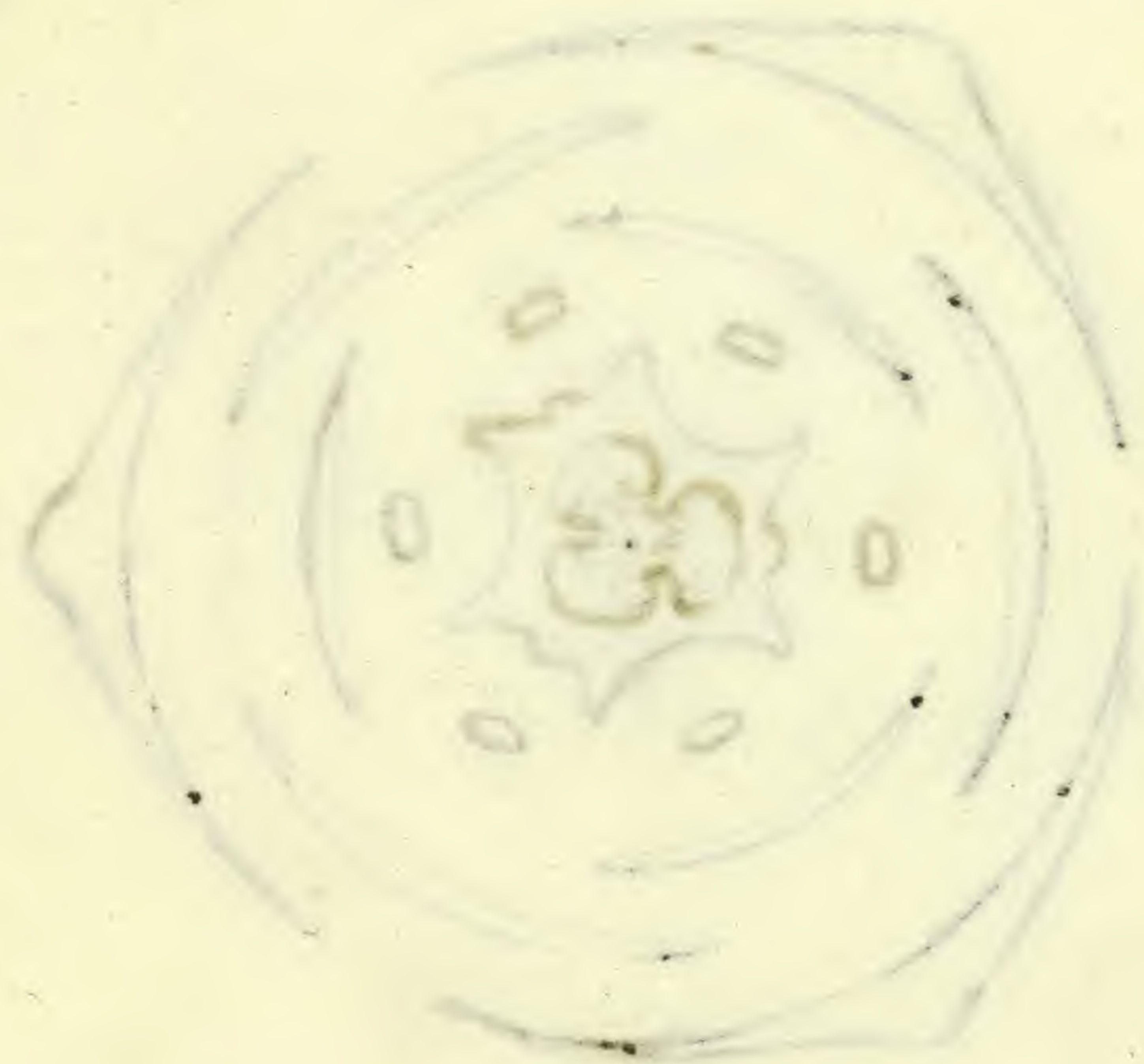
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<sup>Baker</sup>  
= H. B. Hart Bot  
Trillium discolor = var. T. sessile,  
but broader leaved etc

In Jacobin: in Brabant  
7-14 June 4 90



0 1 2 3 4 5 6 7 8 9 10

cm

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Jan 29

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~~Coniferae~~

Abietinae

Genera  
Samen

~~Anthropus~~  
Wollen alle  
reichen



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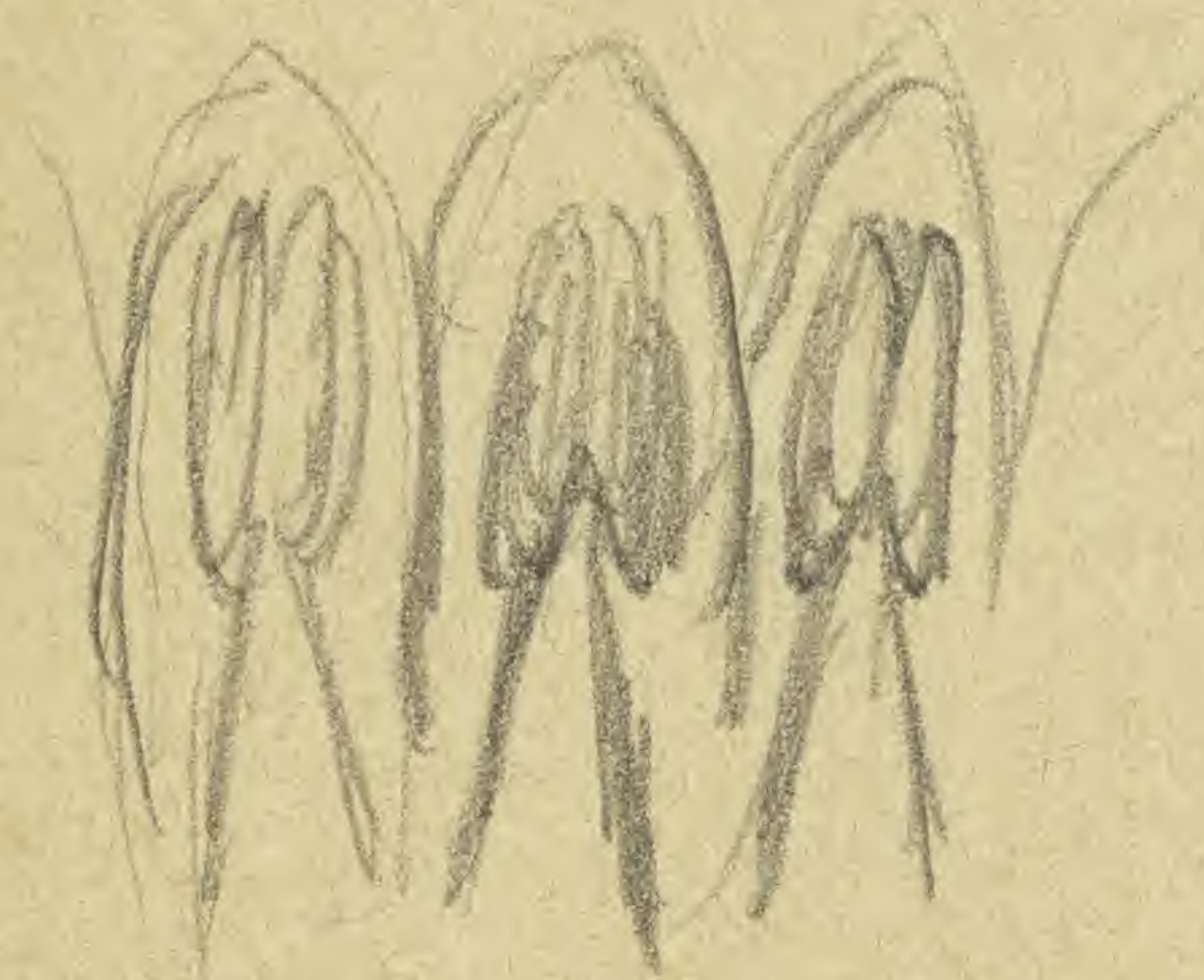
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*Hyacinthus fl. albo*  
common Gaeta - Rome  
April 1858



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Y 412

Hyacinth.



Pollen dry



Pollen  
in water



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